EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	40	703/27.ccls. and @pd>"20050601"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 16:21

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	approximat$4 near schema near (comparison$1 or match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 11:36
L2	0	fuzzy near schema near (comparison$1 or match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L3	0	fuzzy near transform near (comparison$1 or match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L4	2	approximat$4 near transform near (comparison$1 or match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 10:59
L5	47	schema near (comparison$1 or match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 11:37
L6	1	L5 and approximat$4 same schema	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:03
L7	43	bernstein.in. and microsoft.as.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09
L8	19	bernstein.in. and microsoft.as. and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:04
L9	886	model adj match$3 and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09
L10	0	(automatic or approximate) near (model adj match$3) and @ad<"20011201"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2006/04/06 12:09

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"meta content framework" | Search | Advanced Search
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Web

Results **1 - 10** of about **21,700** for **"meta content framework"**. (0.28 seconds)

Meta Content Framework Using XML
A data model for describing information organization structures (metadata) for collections of
networked information.
www.w3.org/TR/NOTE-MCF-XML/ - 77k - Cached - Similar pages

Meta Content Framework Using XML submission request to the World ...
Meta Content Framework Using XML. which collectively are referred to as "The
Submission". We request The Submission be known as the XML Meta Content ...
www.w3.org/Submission/1997/8/ - 4k - Cached - Similar pages

Meta Content Framework
Meta Content Framework . RVGuha · Apple Computer. This paper provides a description
of the **Meta Content Framework** (MCF), version 0.95. ...
www.xspace.net/hotsauce/mcf.html - 17k - Cached - Similar pages

Meta Content Framework - Wikipedia, the free encyclopedia
Meta Content Framework (MCF) was a specification of a format for structuring metadata
information about web sites and other data. ...
en.wikipedia.org/wiki/Meta_Content_Framework - 12k - Cached - Similar pages

What is Meta Content Framework (MCF)?
MCF is a way to represent the content of a web site, in a much more sophisticated manner
than can be done using the existing, commonly-used meta tags.
searchenginewatch.com/sereport/article.php/2165291 - 52k - Cached - Similar pages

UKOLN Metadata Resources - MCF
The **Meta Content Framework** (MCF) provides a system·for representing a wide range ...
Meta Content Framework Using XML: Syntax for representing MCF in XML. ...
www.ukoln.ac.uk/metadata/resources/mcf/ - 4k - Cached - Similar pages

WDVL: MCF - Meta Content Framework
The Web Developer's Virtual Library is a resource for web development, including a
JavaScript tutorial, html tag info, JavaScript events, html special ...
www.wdvl.com/Authoring/Languages/MCF.html - 43k - Cached - Similar pages

Meta Content Framework (Netscape) - What does Meta Content ...
What does **Meta Content Framework** (Netscape) stand for? Definition of **Meta Content
Framework** (Netscape) in the list of acronyms provided by the Free Online ...
acronyms.thefreedictionary.com/ Meta+Content+Framework+(Netscape) - 23k -
Cached - Similar pages

www.textuality.com/sgml-erb/w3c-mcf.html
Similar pages

Meta Content Framework: Information From Answers.com
Meta Content Framework Meta Content Framework (MCF) was a specification of a
format for structuring metadata information about web sites and other.
www.answers.com/topic/**meta-content-framework** - 26k - Cached - Similar pages

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INF: Understanding **Microsoft Repository**
Microsoft Repository 2.0 is included with **Microsoft** Visual Studio 6.0 and **Microsoft** SQL
Server 7.0. **Microsoft Repository** 2.0 uses the Open Information Model ...
support.**microsoft**.com/?kbid=238912 - Similar pages

INF: SQL Server Data Transformation Services and the **Microsoft** ...
Microsoft Data Transformation Services uses the **Microsoft repository** for three ... Finally,
use of the **Microsoft Repository** provides an upgrade path to move ...
support.**microsoft**.com/default.aspx?scid=kb;en-us;246333 - Similar pages

[PDF] Managing the **Microsoft Repository**
File Format: PDF/Adobe Acrobat - View as HTML
What is the **Microsoft Repository**? • Architecture of the **repository ... Microsoft
Repository**. What is the MSR? • Provides meta data management services ...
www.cbd-hq.com/PDFs/**repository**.pdf - Similar pages

Application Development Trends - The Ever-Changing **Microsoft** ...
In the latest **Microsoft** strategy, the so-called **Microsoft Repository** — under
development ... Despite the rocky pace of the **Microsoft repository** effort, ...
www.adtmag.com/article.asp?id=2638 - 36k - Cached - Similar pages

The **Microsoft Repository** - Bernstein, Harry, Sanders, Shutt ...
The **Microsoft Repository** is an object oriented **repository** that ships as a component of
Visual Basic Version It includes a set of ActiveX interfaces that a ...
citeseer.ist.psu.edu/bernstein97**microsoft**.html - 21k - Cached - Similar pages

Microsoft Repository 2.0 (XIF) Export specification
Microsoft Repository 2.0 (XIF) Export bridge specification.
www.metaintegration.net/Products/MIMB/
Specifications/MIRMicrosoftSqlServerRepoXifExport.html - 30k - Cached - Similar pages

About the **Microsoft Repository**
The **Microsoft Repository** is a database technology that facilitates sharing information
models (IM). The purpose of the **repository** is to encourage software ...
www.ifi.uio.no/in219/verktoy/ doc/html/doc/user/pmg/msrepos1.html - 3k -
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Exporting to and Importing from the **Microsoft Repository**
The **Microsoft Repository** exchange feature is implemented as a UML suite module. ...
This is because the **Microsoft Repository** must build a Type Information ...
www.ifi.uio.no/in219/verktoy/ doc/html/doc/user/pmg/msrepos2.html - 6k -
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Using the **Microsoft Repository**
SQL Server Magazine is the technical guide to managing, mining, building and developing
SQL Server databases. The magazine includes tips on data recovery, ...
www.sqlmag.com/Article/ ArticleID/8029/sql_server_8029.html - Similar pages

erp4it: Interesting history on the **Microsoft Repository**
Here's a good article from 2000 on the **Microsoft Repository** at the time. Useful history,
especially with **Microsoft's** renewed rejection of OMG partnership. ...
erp4it.typepad.com/erp4it/2004/02/interesting_his.html - 17k - Cached - Similar pages

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Scholar

Results **1 - 10** of about **3,810** for **approximate schema matching**. (0.35 seconds)

A survey of approaches to automatic schema matching - group of 24 »
E Rahm, PA Bernstein - The VLDB Journal The International Journal on Very Large ..., 2001 - Springer
... Eachmappingelementofthematchresultspecifiesthatcertain elements of **schema** S1 logically ...
the implemen- tation of **Match**. ... heuristics that **approximate** our understand ...
Cited by 481 - Web Search

Generic Schema Matching with Cupid - group of 21 »
J Madhavan, PA Bernstein, E Rahm - VLDB, 2001 - sice.umkc.edu
Page 1. Generic **Schema Matching** with Cupid Jayant Madhavan 1 Philip A. Bernstein
Erhard Rahm 1 ... Page 2. Generic **Schema Matching** with Cupid ...
Cited by 356 - View as HTML - Web Search - BL Direct

Approximate tree embedding for querying XML data - group of 7 »
T Schlieder, F Naumann - Proceedings of the ACM SIGIR Workshop on XML and Information ..., 2000 - inf.fu-berlin.de
... of querying collections with partially known **schema** as we ... and extend it to the
approximate tree embedding ... query, but also relaxes the **matching** conditions to ...
Cited by 41 - View as HTML - Web Search

[PS] The eld matching problem: Algorithms and applications
A Monge, C Elkan - Proceedings of the Second International Conference on ..., 1996 - cecs.csulb.edu
... **approximate** matches score 2. An **approximate match** occurs between ... me the address
(exact address **match** processing ... of methodologies for database **schema** integration ...
Cited by 109 - View as HTML - Web Search

Resource integration using a large knowledge base in Carnot - group of 5 »
C Collet, MN Huhns, WM Shen - IEEE Computer, 1991 - doi.ieeecomputersociety.org
... The user also might have to augment the model with additional properties (semantics)
about the local **schema** for the **matching** phase to be completed. ...
Cited by 198 - Web Search

Approximate DataGuides - group of 2 »
R Goldman, J Widom - Proceedings of the Workshop on Query Processing for ..., 1999 - www-db.stanford.edu
... related work from [NAM98] gives algorithms for finding "**approximate** typings" of ... be
thought of as fitting a "good" graph **schema** to an ... 2 Object **Matching** ...
Cited by 49 - View as HTML - Web Search

Data Cleaning: Problems and Current Approaches - group of 11 »
E Rahm, HH Do - IEEE Data Engineering Bulletin, 2000 - cse.buffalo.edu
... To generically support **schema**-related transformations, language extensions ... extensions
such as a **Match** operator supporting "**approximate** joins" (see ...
Cited by 103 - View as HTML - Web Search

Approximate Graph Schema Extraction for Semi-Structured Data - group of 3 »
QY Wang, JX Yu, KF Wong - EDBT, 2000 - Springer
... could be replaced by the actual set of possible **matching** paths ... Based on the above
observations, we propose to extract an **approximate** graph **schema** from the ...
Cited by 14 - Web Search - BL Direct

ApproXQL: design and Implementation of an approximate pattern matching language for XML - group of 10 »
T Schlieder - 2001 - inf.fu-berlin.de
Page 1. ApproXQL: Design and Implementation of an **Approximate** Pattern **Matching** Language
for XML Torsten Schlieder □ ... 4. Querying by **Approximate** Tree **Matching** ...
Cited by 14 - View as HTML - Web Search - Library Search

Exact Schema Theory for Genetic Programming and Variable-Length Genetic Algorithms with One-Point ...
- group of 8 »
R Poli - Genetic Programming and Evolvable Machines, 2001 - Springer
... the variability of the size and shape of the programs **matching** the same ... **schema** for
his context-free grammar GP and the related **approximate schema** theorem were ...
Cited by 29 - Web Search

approximate schema matching | Search |

Google Scholar BETA

approximate schema comparison | 1951 - 2001 | Search

Scholar

Results **1** - **10** of about **6,600** for **approximate schema comparison**. (0.36 seconds)

A survey of approaches to automatic **schema** matching - group of 24 »
E Rahm, PA Bernstein - The VLDB Journal The International Journal on Very Large ..., 2001 - Springer
... is consistent with heuristics that **approximate** our understand ... Dependingonthematcher
type, the match **comparison** can be ... description, or data type of **schema** element ...
Cited by 481 - Web Search

Generic **Schema** Matching with Cupid - group of 21 »
J Madhavan, PA Bernstein, E Rahm - VLDB, 2001 - sice.umkc.edu
... Elimination – Tokens that are articles, prepositions or conjunctions are marked
to be ignored during **comparison**. • Tagging – A **schema** element that ...
Cited by 356 - View as HTML - Web Search - BL Direct

A model for compound type changes encountered in **schema** evolution - group of 6 »
BS Lerner - ACM Transactions on Database Systems, 2000 - portal.acm.org
... The **schema comparison** algorithms use naming similarities, structural similarities,
and interrela- tionships among the types from successive versions to infer ...
Cited by 57 - Web Search - BL Direct

Exact **Schema** Theory for Genetic Programming and Variable-Length Genetic Algorithms with One-Point ... - group of 8 »
R Poli - Genetic Programming and Evolvable Machines, 2001 - Springer
... This is, for example, one of the features of the **approximate schema** theorems proposed
in the past including Holland's [11, 13, 33, 35, 36, 44]. ...
Cited by 29 - Web Search

Approximate DataGuides - group of 2 »
R Goldman, J Widom - Proceedings of the Workshop on Query Processing for ..., 1999 - www-db.stanford.edu
... NAM98] gives algorithms for finding "**approximate** typings" of ... In **comparison**, we are
less concerned with extracting a ... fitting a "good" graph **schema** to an ...
Cited by 49 - View as HTML - Web Search

Neurochemical Coding of Enteric Neurons in the Guinea Pig Stomach - group of 2 »
M **SCHEMA**, C SCHAAF, M MADER - THE JOURNAL OF COMPARATIVE NEUROLOGY, 1995 - doi.wiley.com
... To **compare** the neurochemical coding of the myenteric plexus in the stomach with
the ... 164 M. **SCHEMA**" ET AL ... **Approximate** percentage 100 67 55 38 38 33 29 11 6 6 2 ...
Cited by 59 - Web Search - BL Direct

A framework for career counseling - group of 2 »
R Hujer - Journal of Career Development, 1993 - Springer
... At the same time, objective structures **approximate** to individuals' subjective ... de-
velop **schema** about themselves and then **compare** these **schema** with the ...
Web Search - BL Direct

A **Comparison** of Direct Fuzzy Reasoning Methods - group of 2 »
H Nakanishi, IB Turksen, M Sugeno - Fuzzy Systems, 1995. International Joint Conference of the ..., 1995 - ieeexplore.ieee.org
... the eight alternatives of the five reasoning methods for the **comparison** or their ...
and B ' is a resultant linguistic value by an **approximate** reasoning method. ...
Web Search

Knowledge Based Integration of Heterogeneous Databases - group of 4 »
P Fankhauser, EJ Neuhold - DS-5, 1992 - ipsi.fhg.de
... **Schema** (view) integration methodologies reason about the meaning and ... [9] **approximate**
the meaning of ... world meaning of attributes, thus their **comparison** can lead ...
Cited by 50 - View as HTML - Web Search

Join Synopses for **Approximate** Query Answering - group of 5 »
S Acharya, PB Gibbons, V Poosala, S Ramaswamy - SIGMOD Conference, 1999 - portal.acm.org
... we present a practical and effective solution for producing **approximate** join aggregates
of ... we can obtain random samples of all possible joins in the **schema**. ...
Cited by 113 - Web Search - BL Direct

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View: **1-25** | 26-50 | 51-75 | 76-100 | 101-125
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☐ 1. **An approximate analogical reasoning approach based on similarity measures**
Turksen, I.B.; Zhong, Z.;
Systems, Man and Cybernetics, IEEE Transactions on
Volume 18, Issue 6, Nov.-Dec. 1988 Page(s):1049 - 1056
Digital Object Identifier 10.1109/21.23107
AbstractPlus | Full Text: PDF(624 KB)   **IEEE JNL**
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☐ 2. **Two-level tree search in fuzzy expert systems**
Turksen, I.B.; Tian, Y.;
Systems, Man and Cybernetics, IEEE Transactions on
Volume 25, Issue 4, April 1995 Page(s):555 - 568
Digital Object Identifier 10.1109/21.370188
AbstractPlus | Full Text: PDF(1248 KB)   **IEEE JNL**
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☐ 3. **Fuzzy logic techniques in multimedia database querying: a preliminary investigation of the potentials**
Dubois, D.; Prade, H.; Sedes, F.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 13, Issue 3, May-June 2001 Page(s):383 - 392
Digital Object Identifier 10.1109/69.929896
AbstractPlus | References | Full Text: PDF(224 KB)   **IEEE JNL**
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☐ 4. **MRI segmentation using fuzzy clustering techniques**
Clark, M.C.; Hall, L.O.; Goldgof, D.B.; Clarke, L.P.; Velthuizen, R.P.; Silbiger, M.S.;
Engineering in Medicine and Biology Magazine, IEEE
Volume 13, Issue 5, Nov.-Dec. 1994 Page(s):730 - 742
Digital Object Identifier 10.1109/51.334636
AbstractPlus | Full Text: PDF(1228 KB)   **IEEE JNL**
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☐ 5. **Multisensor integration and fusion in intelligent systems**
Luo, R.C.; Kay, M.G.;
Systems, Man and Cybernetics, IEEE Transactions on
Volume 19, Issue 5, Sept.-Oct. 1989 Page(s):901 - 931
Digital Object Identifier 10.1109/21.44007
AbstractPlus | Full Text: PDF(3184 KB)   **IEEE JNL**
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☐ 6. **Database technology for decision support systems**
Chaudhuri, S.; Dayal, U.; Ganti, V.;

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☐ 7. **Using the ARTIST approach for diagnosing power transmission networks**

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☐ 8. **Knowledge-based classification and tissue labeling of MR images of human brain**

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☐ 14. **Lessons from using Z to specify a software tool**

AbstractPlus | References | Full Text: PDF(164 KB)   IEEE JNL
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15. **Warehouse creation-a potential roadblock to data warehousing**
Srivastava, J.; Ping-Yao Chen;
Knowledge and Data Engineering, IEEE Transactions on
Volume 11, Issue 1, Jan.-Feb. 1999 Page(s):118 - 126
Digital Object Identifier 10.1109/69.755620

AbstractPlus | References | Full Text: PDF(376 KB)   IEEE JNL
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16. **StoryNet: an evolving network of cases to learn information systems design**
Faro, A.; Giordano, D.;
Software, IEE Proceedings- [see also Software Engineering, IEE Proceedings]
Volume 145, Issue 4, Aug. 1998 Page(s):119 - 127

AbstractPlus | Full Text: PDF(1444 KB)   IEE JNL

17. **Null queries with interval-valued ambiguous attributes**
Shyue-Liang Wang; Yu-Jane Tsai;
Systems, Man, and Cybernetics, 1998. 1998 IEEE International Conference on
Volume 3, 11-14 Oct. 1998 Page(s):2150 - 2153 vol.3
Digital Object Identifier 10.1109/ICSMC.1998.724972

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18. **Soft computing and fuzzy logic**
Zadeh, L.A.;
Software, IEEE
Volume 11, Issue 6, Nov. 1994 Page(s):48 - 56
Digital Object Identifier 10.1109/52.329401

AbstractPlus | Full Text: PDF(848 KB)   IEEE JNL
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19. **Efficient training of neural gas vector quantizers with analog circuit implementation**
Rovetta, S.; Zunino, R.;
Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also
Circuits and Systems II: Express Briefs, IEEE Transactions on]
Volume 46, Issue 6, June 1999 Page(s):688 - 698
Digital Object Identifier 10.1109/82.769777

AbstractPlus | References | Full Text: PDF(312 KB)   IEEE JNL
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20. **Registration of 3-d intraoperative MR images of the brain using a finite-element biomechanical model**
Ferrant, M.; Nabavi, A.; Macq, B.; Jolesz, F.A.; Kikinis, R.; Warfield, S.K.;
Medical Imaging, IEEE Transactions on
Volume 20, Issue 12, Dec. 2001 Page(s):1384 - 1397
Digital Object Identifier 10.1109/42.974933

AbstractPlus | References | Full Text: PDF(459 KB)   IEEE JNL
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21. **Storing and retrieving software components: a refinement based system**
Mili, R.; Mili, A.; Mittermeir, R.T.;
Software Engineering, IEEE Transactions on
Volume 23, Issue 7, July 1997 Page(s):445 - 460
Digital Object Identifier 10.1109/32.605762

AbstractPlus | References | Full Text: PDF(304 KB)   IEEE JNL
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22. **An identity-authentication system using fingerprints**
Jain, A.K.; Lin Hong; Pankanti, S.; Bolle, R.;
Proceedings of the IEEE
Volume 85, Issue 9, Sept. 1997 Page(s):1365 - 1388
Digital Object Identifier 10.1109/5.628674

AbstractPlus | References | Full Text: PDF(704 KB)   IEEE JNL
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☐ 23. **Vision, issues, and architecture for nomadic computing [and communications]**
Bagrodia, R.; Chu, W.W.; Kleinrock, L.; Popek, C.;
Personal Communications, IEEE [see also IEEE Wireless Communications]
Volume 2, Issue 6, Dec. 1995 Page(s):14 - 27
Digital Object Identifier 10.1109/98.475985

AbstractPlus | Full Text: PDF(1752 KB)   IEEE JNL
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☐ 24. **Digital to hybrid program transformations**
Kohn, W.; Remmel, J.B.;
Intelligent Control, 1996., Proceedings of the 1996 IEEE International Symposium on
15-18 Sept. 1996 Page(s):342 - 347
Digital Object Identifier 10.1109/ISIC.1996.556225

AbstractPlus | Full Text: PDF(480 KB)   IEEE CNF
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☐ 25. **Rays, Modes, and Equivalent Networks (Correspondence)**
Felsen, L.B.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 19, Issue 1, Jan 1971 Page(s):107 - 109

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☐ 1. **Semantic networks and associative databases: two approaches to knowledge representation and reasoning**
Lim, E.-P.; Cherkassky, V.;
Expert, IEEE [see also IEEE Intelligent Systems and Their Applications]
Volume 7, Issue 4, Aug. 1992 Page(s):31 - 40
Digital Object Identifier 10.1109/64.153462
AbstractPlus | Full Text: PDF(820 KB)   **IEEE JNL**
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☐ 2. **POPFNN-AAR(S): a pseudo outer-product based fuzzy neural network**
Quek, C.; Zhou, R.W.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on
Volume 29, Issue 6, Dec. 1999 Page(s):859 - 870
Digital Object Identifier 10.1109/3477.809038
AbstractPlus | References | Full Text: PDF(400 KB)   **IEEE JNL**
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☐ 3. **Reactive navigation in dynamic environment using a multisensor predictor**
Kai-Tai Song; Chang, C.C.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on
Volume 29, Issue 6, Dec. 1999 Page(s):870 - 880
Digital Object Identifier 10.1109/3477.809039
AbstractPlus | References | Full Text: PDF(676 KB)   **IEEE JNL**
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☐ 4. **Hybrid methods using genetic algorithms for global optimization**
Renders, J.-M.; Flasse, S.P.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on
Volume 26, Issue 2, April 1996 Page(s):243 - 258
Digital Object Identifier 10.1109/3477.485836
AbstractPlus | References | Full Text: PDF(1648 KB)   **IEEE JNL**
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☐ 5. **Lessons from using Z to specify a software tool**
Neil, M.; Ostrolenk, G.; Tobin, M.; Southworth, M.;
Software Engineering, IEEE Transactions on
Volume 24, Issue 1, Jan. 1998 Page(s):15 - 23
Digital Object Identifier 10.1109/32.663995
AbstractPlus | References | Full Text: PDF(164 KB)   **IEEE JNL**
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☐ 6. **Database migration: a new architecture for transaction processing in broadband networks**

Hara, T.; Harumoto, K.; Tsukamoto, M.; Nishio, S.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 10, Issue 5, Sept.-Oct. 1998 Page(s):839 - 854
Digital Object Identifier 10.1109/69.729745

AbstractPlus | References | Full Text: PDF(560 KB)   IEEE JNL
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7. **Warehouse creation-a potential roadblock to data warehousing**
Srivastava, J.; Ping-Yao Chen;
Knowledge and Data Engineering, IEEE Transactions on
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Digital Object Identifier 10.1109/69.755620

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Ridella, S.; Rovetta, S.; Zunino, R.;
Neural Networks, IEEE Transactions on
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Digital Object Identifier 10.1109/72.737491

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Ching Zhang; Wong, A.K.C.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on
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AbstractPlus | References | Full Text: PDF(540 KB)   IEEE JNL
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10. **A genetic algorithm modelling framework and solution technique for short term optimal hydrothermal scheduling**
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Digital Object Identifier 10.1109/59.667375

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11. **Combined genetic algorithm/simulated annealing/fuzzy set approach to short-term generation scheduling with take-or-pay fuel contract**
Kit Po Wong; Yin Wa Wong;
Power Systems, IEEE Transactions on
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Digital Object Identifier 10.1109/59.485994

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14. **Simulating general-parameter LC-ladder filters for monolithic realizations with only transconductance elements and grounded capacitors**
Tan, M.A.; Schaumann, R.;
Circuits and Systems, IEEE Transactions on
Volume 36, Issue 2, Feb. 1989 Page(s):299 - 307
Digital Object Identifier 10.1109/31.20210

AbstractPlus | Full Text: PDF(812 KB)   IEEE JNL
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15. **Conceptual representation of waveforms for temporal reasoning**
Cyre, W.R.;
Computers, IEEE Transactions on
Volume 43, Issue 2, Feb. 1994 Page(s):186 - 200
Digital Object Identifier 10.1109/12.262123

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16. **Adaptive probabilities of crossover and mutation in genetic algorithms**
Srinivas, M.; Patnaik, L.M.;
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Digital Object Identifier 10.1109/21.286385

AbstractPlus | Full Text: PDF(1064 KB)   IEEE JNL
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17. **Capture, integration, and analysis of digital system requirements with conceptual graphs**
Cyre, W.R.;
Knowledge and Data Engineering, IEEE Transactions on
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Digital Object Identifier 10.1109/69.567041

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18. **Some observations on the failure locus of npn transistors and its improvement using graded collector structures**
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Communications, Speech and Vision, IEE Proceedings I
Volume 135, Issue 4, Aug 1988 Page(s):85 - 90

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19. **Content-based lecture access for distance learning**
Guang-Ho Cha; Chin-Wan Chung;
Multimedia and Expo, 2001. ICME 2001. IEEE International Conference on
22-25 Aug. 2001 Page(s):973 - 976

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System Sciences, 2001. Proceedings of the 34th Annual Hawaii International Conference on
Jan 3-6 2001 Page(s):8 pp.

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Wolinski, T.R.; Bock, W.J.; Chylewski, H.; Domanski, A.W.; Karpierz, M.; Konopka, W.;
Sierakowski, M.;
Instrumentation and Measurement Technology Conference, 1997. IMTC/97. Proceedings.
'Sensing, Processing, Networking'., IEEE
Volume 2, 19-21 May 1997 Page(s):810 - 813 vol.2
Digital Object Identifier 10.1109/IMTC.1997.610187

AbstractPlus | Full Text: PDF(324 KB)   IEEE CNF
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22. An automated approach to HW/SW-codesign [Hardware/software partitioning]
Hardt, W.;
Partitioning in Hardware-Software Codesigns, IEE Colloquium on
13 Feb 1995 Page(s):4/1 - 411

AbstractPlus | Full Text: PDF(760 KB)   IEE CNF

23. A crack identification microwave procedure based on a genetic algorithm for nondestructive testing
Caorsi, S.; Massa, A.; Pastorino, M.;
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Volume 49, Issue 12, Dec. 2001 Page(s):1812 - 1820
Digital Object Identifier 10.1109/8.982464

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24. Observations of substorm associated absorption events on a 3200 km high latitude HF propagation path
Milan, S.E.; Jones, T.B.; Warrington, E.M.; Reeves, G.D.;
HF Radio Systems and Techniques, 1994., Sixth International Conference on
4-7 Jul 1994 Page(s):69 - 73

AbstractPlus | Full Text: PDF(348 KB)   IEE CNF

25. Evolving artificial neural networks
Xin Yao;
Proceedings of the IEEE
Volume 87, Issue 9, Sept. 1999 Page(s):1423 - 1447
Digital Object Identifier 10.1109/5.784219

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Terms used **schema matching**

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1 A survey of approaches to automatic schema matching   ■
Erhard Rahm, Philip A. Bernstein
December 2001 **The VLDB Journal — The International Journal on Very Large Data
Bases**, Volume 10 Issue 4
Publisher: Springer-Verlag New York, Inc.
Full text available: 📄 pdf(196.22 KB)   Additional Information: full citation, abstract, citings, index terms

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Schema matching

2 Reconciling schemas of disparate data sources: a machine-learning approach   ▬
AnHai Doan, Pedro Domingos, Alon Y. Halevy
May 2001 **ACM SIGMOD Record , Proceedings of the 2001 ACM SIGMOD international
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Publisher: ACM Press

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techniques to semi-automatically find such mappings. LSD first asks the user to provide
the semantic mappings for a small set of data sources, then uses the ...

3 Generic Schema Matching with Cupid   ▬
Jayant Madhavan, Philip A. Bernstein, Erhard Rahm
September 2001 **Proceedings of the 27th International Conference on Very Large Data
Bases VLDB '01**
Publisher: Morgan Kaufmann Publishers Inc.
Additional Information: full citation, citings

4 Using Schema Matching to Simplify Heterogeneous Data Translation   ▬
Tova Milo, Sagit Zohar

5 Designing data marts for data warehouses

October 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM),**
Volume 10 Issue 4
Publisher: ACM Press

Full text available: pdf(203.43 KB)   Additional Information: full citation, abstract, references, index terms, review

Data warehouses are databases devoted to analytical processing. They are used to support decision-making activities in most modern business settings, when complex data sets have to be studied and analyzed. The technology for analytical processing assumes that data are presented in the form of simple data marts, consisting of a well-identified collection of facts and data analysis dimensions (star schema). Despite the wide diffusion of data warehouse technology and concepts, we still miss me ...

Keywords: conceptual modeling, data mart, data warehouse, design method, software quality management

6 A critiquing model of flexible constraint evaluation for a scheduler's workbench

Michael Prietula, Peng Si Ow, Brian Huguenard, Steve Vicinanza
June 1988 **Proceedings of the 1st international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 IEA/AIE '88**
Publisher: ACM Press

Full text available: pdf(528.90 KB)   Additional Information: full citation, abstract, references, index terms

Scheduling complex tasks is a difficult and ill-structured problem. Totally automated solutions to certain scheduling problems have certainly been achieved; however, other types of scheduling tasks do not yield easily to traditional solution methods. The latter tasks often involve both quantitative and qualitative constraints as well as changing preferences and subjective judgement. Consequently, it is sometimes impossible to take the human element out of the loop. Faced with similar proble ...

7 DTD inference for views of XML data

Yannis Papakonstantinou, Victor Vianu
May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**
Publisher: ACM Press

Full text available: pdf(347.61 KB)   Additional Information: full citation, abstract, references, citings, index terms

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8 Web Information Integration: Automating the transformation of XML documents

Hong Su, Harumi Kuno, Elke A. Rundensteiner
November 2001 **Proceedings of the 3rd international workshop on Web information and data management**
Publisher: ACM Press

Full text available: pdf(522.82 KB)   Additional Information: full citation, abstract, references, citings, index terms

The advent of web services that use XML-based message exchanges has spurred many

efforts that address issues related to inter-enterprise service electronic commerce interactions. Currently emerging standards and technologies enable enterprises to describe and advertise their own Web Services and to discover and determine how to interact with services fronted by other businesses. However, these technologies do not address the problem of how to reconcile structural differences between similar type ...

9 Querying websites using compact skeletons

Anand Rajaraman, Jeffrey D. Ullmann

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Publisher: ACM Press

Full text available: pdf(220.79 KB)   Additional Information: full citation, abstract, references, index terms

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10 Global change master directory: object-oriented active asynchronous transaction management in a federated environment using data agents

Zina Ben Miled, Srinivasan Sikkupparbathyam, Omran Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Olsen, Chris Gokey, David Kendig, Tom Northcutt, Rosy Cordova, Gene Major, Nanine Savage

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(185.55 KB)   Additional Information: full citation, references, index terms

Keywords: JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

11 Web schemas in WHOWEDA

Saurav S. Bhowmick, Wee Keong Ng, Sanjay Madria

November 2000 **Proceedings of the 3rd ACM international workshop on Data warehousing and OLAP**

Publisher: ACM Press

Full text available: pdf(254.17 KB)   Additional Information: full citation, references, index terms

Keywords: Web schema, Web warehouse, schema operations

12 Derivation of glue code for agent interoperation

Mark Burstein, Drew McDermott, Douglas R. Smith

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Publisher: ACM Press

Full text available: pdf(660.15 KB)   Additional Information: full citation, references, citings, index terms

Keywords: agents, higher-order, translation

13 SI in digital libraries

Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

Full text available: pdf(145.60 KB)   Additional Information: full citation, references, citings, index terms,
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14 Type inference for queries on semistructured data
Tova Milo, Dan Suciu
May 1999 **Proceedings of the eighteenth ACM SIGMOD-SIGACT-SIGART symposium
          on Principles of database systems**
Full text available: pdf(1.37 MB)   Additional Information: full citation, references, citings, index terms

15 Sequencing in a connectionist model of language processing
Michael Gasser, Michael G. Dyer
August 1988 **Proceedings of the 12th conference on Computational linguistics -
             Volume 1**
Full text available: pdf(791.98 KB)   Additional Information: full citation, abstract, references

> Recent research suggests that human language processing can be profitably viewed in
> terms of the spread of activation through a network of simple processing units. Decision
> making in connectionist models such as these is distributed and consists in selections
> made from sets of mutually inhibiting candidate items which are activated on the basis of
> input features. In these models, however, there is the problem, especially for generation,
> of obtaining sequential behavior from an essentially parall ...

16 Technical correspondence: Workshop on the evaluation of natural language
processing systems
Martha Palmer, Tim Finin
September 1990 **Computational Linguistics**, Volume 16 Issue 3

Full text available: pdf(701.03 KB)
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17 Co-evolution of language and of the language acquisition device
Ted Briscoe
July 1997 **Proceedings of the eighth conference on European chapter of the
          Association for Computational Linguistics , Proceedings of the 35th annual
          meeting on Association for Computational Linguistics**
Full text available: pdf(882.25 KB)
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> A new account of parameter setting during grammatical acquisition is presented in terms
> of Generalized Categorial Grammar embedded in a default inheritance hierarchy,
> providing a natural partial ordering on the setting of parameters. Experiments show that
> several expermentally effective learners can be defined in this framework. Evolutionary
> simulations suggest that a learner with default initial settings for parameters will emerge,
> provided that learning is memory limited and the environment of ...

18 PCFG models of linguistic tree representations
Mark Johnson
December 1998 **Computational Linguistics**, Volume 24 Issue 4
Full text available:
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The kinds of tree representations used in a treebank corpus can have a dramatic effect on performance of a parser based on the PCFG estimated from that corpus, causing the estimated likelihood of a tree to differ substantially from its frequency in the training corpus. This paper points out that the Penn II treebank representations are of the kind predicted to have such an effect, and describes a simple node relabeling transformation that improves a treebank PCFG-based parser's average precision ...

19 Some transformations for developing recursive programs

R. M. Burstall, John Darlington

April 1975 **ACM SIGPLAN Notices , Proceedings of the international conference on Reliable software**, Volume 10 Issue 6

Publisher: ACM Press

Full text available: pdf(636.68 KB)   Additional Information: full citation, abstract, references, citings, index terms

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Keywords: Optimisation, Program manipulation, Program transformation, Recursion

20 A Syntactic Schema And Algorithm For Language Arts CAI

John G. Allee, Robert L. Williams

December 1978 **Proceedings of the 1978 annual conference**

Publisher: ACM Press

Full text available: pdf(284.59 KB)   Additional Information: full citation, abstract, index terms

The stand-alone BASIC programs of English Usage Exercises, a language arts CAI series for elementary school students, employ a number of simple algorithms to generate example sentences and sentence exercises from small data clusters. These individual generative programs, since they need no support from other files, are easily transported and may be employed in microprocessors. A schema devised for a series of EUX programs is exampled. In the schema fifteen sentence "forms" accept the ...

Keywords: CAI for grammar and usage, Computer assisted instruction, English sentence algorithms and schemata, Generating sentences, Programming grammar in BASIC

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1   A survey of approaches to automatic schema matching   ■
Erhard Rahm, Philip A. Bernstein
December 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 4
Publisher: Springer-Verlag New York, Inc.
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AnHai Doan, Pedro Domingos, Alon Y. Halevy
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Publisher: ACM Press
Full text available: ▤ pdf(366.64 KB)   Additional Information: full citation, abstract, references, citings, index terms

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3 Task-Aware user interfaces   ■
Jasmina Pavlin
June 1990 **ACM SIGCHI Bulletin**, Volume 22 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(671.54 KB) Additional Information: full citation, abstract, references, index terms

While the demand for computer systems that are more and more complex in terms of size and variety of applications is steadily increasing, design support tools and abstraction mechanisms for such systems are lagging badly behind. This places an increased burden on users and software developers alike. We believe that making the knowledge about the user's tasks and about the system's functionality explicit can reduce this burden

significantly.

4 A vision for management of complex models

Phillip A. Bernstein, Alon Y. Halevy, Rachel A. Pottinger
December 2000 **ACM SIGMOD Record**, Volume 29 Issue 4
Publisher: ACM Press
Full text available: pdf(907.42 KB)   Additional Information: full citation, abstract, citings, index terms

Many problems encountered when building applications of database systems involve the manipulation of models. By "model," we mean a complex structure that represents a design artifact, such as a relational schema, object-oriented interface, UML model, XML DTD, web-site schema, semantic network, complex document, or software configuration. Many uses of models involve managing changes in models and transformations of data from one model into another. These uses require an explicit representation of ...

5 Designing data marts for data warehouses

October 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 10 Issue 4
Publisher: ACM Press

Full text available: pdf(203.43 KB)   Additional Information: full citation, abstract, references, index terms, review

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Keywords: Optimisation, Program manipulation, Program transformation, Recursion

8 Integrating and customizing heterogeneous e-commerce applications

Anat Eyal, Tova Milo

August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 1

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(286.63 KB)   Additional Information: full citation, abstract, citings, index terms

A broad spectrum of electronic commerce applications is currently available on the Web, providing services in almost any area one can think of. As the number and variety of such applications grow, more business opportunities emerge for providing new services based on the integration and customization of existing applications. (Web shopping malls and support for comparative shopping are just a couple of examples.) Unfortunately, the diversity of applications in each specific domain and the dispar ...

Keywords: Application integration, Data integration, Electronic commerce

9 Derivation of glue code for agent interoperation

Mark Burstein, Drew McDermott, Douglas R. Smith

June 2000 **Proceedings of the fourth international conference on Autonomous agents**

Publisher: ACM Press

Full text available: pdf(660.15 KB)   Additional Information: full citation, references, citings, index terms

Keywords: agents, higher-order, translation

10 SI in digital libraries

Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

Publisher: ACM Press

Full text available: pdf(145.60 KB)   Additional Information: full citation, references, citings, index terms,
html(44.09 KB)   review

11 Global change master directory: object-oriented active asynchronous transaction management in a federated environment using data agents

Zina Ben Miled, Srinivasan Sikkupparbathyam, Omran Bukhres, Kishan Nagendra, Eric Lynch, Marcelo Areal, Lola Olsen, Chris Gokey, David Kendig, Tom Northcutt, Rosy Cordova, Gene Major, Nanine Savage

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(185.55 KB)   Additional Information: full citation, references, index terms

Keywords: JDBC, Java, RMI, World Wide Web, XML, asynchronous, component, distributed, distributed object management, global transaction management, interface, interoperability, object-oriented

12 A critiquing model of flexible constraint evaluation for a scheduler's workbench

Michael Prietula, Peng Si Ow, Brian Huguenard, Steve Vicinanza

June 1988 **Proceedings of the 1st international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1 IEA/AIE '88**

Publisher: ACM Press

Full text available: pdf(528.90 KB)   Additional Information: full citation, abstract, references, index terms

Scheduling complex tasks is a difficult and ill-structured problem. Totally automated solutions to certain scheduling problems have certainly been achieved; however, other types of scheduling tasks do not yield easily to traditional solution methods. The latter tasks often involve both quantitative and qualitative constraints as well as changing preferences and subjective judgement. Consequently, it is sometimes impossible to take the human element out of the loop. Faced with similar proble ...

13 DTD inference for views of XML data

Yannis Papakonstantinou, Victor Vianu

May 2000 **Proceedings of the nineteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

Publisher: ACM Press

Full text available: pdf(347.61 KB)   Additional Information: full citation, abstract, references, citings, index terms

We study the inference of Data Type Definitions (DTDs) for views of XML data, using an abstraction that focuses on document content structure. The views are defined by a query language that produces a list of documents selected from one or more input sources. The selection conditions involve vertical and horizontal navigation, thus querying explicitly the order present in input documents. We point several strong limitations in the descriptive ability of current DTDs and the need for extendi ...

14 Technical correspondence: Workshop on the evaluation of natural language processing systems

Martha Palmer, Tim Finin

September 1990 **Computational Linguistics**, Volume 16 Issue 3

Publisher: MIT Press

Full text available: pdf(701.03 KB)
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